

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2004				
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE BLI 018000 Cartridges and Cartridge Actuated Devices (CARTS/CADS)					
Program Element for Code B Items: B.A.1 - Navy Ammunition							Other Related Program Elements					
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total	Total
QUANTITY												
COST (In Millions)	\$181.0	A	\$27.7	\$29.6	\$26.2	\$26.5	\$27.0	\$27.5	\$28.0	Cont	Cont	Cont
<p><u>Escape System/Life Support Devices</u> These items, such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, thermal batteries, etc, are used in aircraft emergency escape systems. The total number and type of devices installed varies with the type of aircraft, for example: F-14/A(273); F/A-18(136); S-3(105); EA-6B(45), T-45(76), T/AV-8(90) and AH-1(27). These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet the standard. The devices age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection. The budget request provides funding for the procurement of Naval Aircrew Common Ejection Seat (NACES) items, JAU-52/B initiators, BBU-57/A Cutters and other miscellaneous devices.</p> <p><u>Weapons/Stores Release Cartridges</u> These items are used to release the weapons/stores from aircraft. The JAU-22 impulse cartridges are used to eject sonobuoys from aircraft. The budget request also provides for CCU-107 Impulse Cartridges and the JAU-22/B Initiator Cartridge.</p> <p><u>Integrated Logistics Support</u> Integrated Logistics Support (ILS) efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.</p> <p><u>Production Engineering Support</u> Production Engineering Support (PES) efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing.</p> <p><u>Product Improvement Programs</u> Product Improvement Programs (PIP) are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CARTs and CADs.</p> <p>Formally managed under PEO(T) subhead Y1Q8, this program was transferred to PEO(W) in FY01 to be executed under subhead J1Q8. *FY 95/96/97 only. Prior to FY 95, this program was funded in the Other Procurement, Navy BA-5 appropriation.</p> <p>FY03 includes \$1.762M Cost Of War supplemental funding; FY04 includes \$3.4M Congressional Plus-up for FLU-12/P.</p>												

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS							P-1 ITEM NOMENCLATURE Cartridges and Cartridge Actuated Devices (CARTS/CADS)					
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005					To Complete	Total
CCU-107 Init. Ctg. (MT95)	A											
QTY				80,000	72,206	180,000					Cont	Cont
Funding				\$412	\$469	\$986						
QTY *(MT95)												
Funding												
JAU-22/B Init. Ctg. (MF64)	A											
QTY				104,152	154,744	105,000					Cont	Cont
Funding				\$1,584	\$2,267	\$1,786						
Thermal Battery (CWDR)	A											
QTY				193	142	301					Cont	Cont
Funding				\$668	\$550	\$1,188						
BBU-57/A Cutter (SR95)	A											
QTY				0	139	78					Cont	Cont
Funding				\$0	\$1,444	\$785						
JAU-52 (MJ91)	A											
QTY				697	129	0					Cont	Cont
Funding				\$1,436	\$404	\$0						
Navy Aircrew Common Ejection Seat	A											
QTY												
Funding				\$1,215	\$1,818	\$2,269					Cont	Cont
*Misc Devices				\$13,421	\$13,209	\$10,042					Cont	Cont
Other Support				\$8,927	\$9,392	\$9,126					Cont	Cont
TOTAL		\$181,063		\$27,663	\$29,553	\$26,182						

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System								DATE: February 2004	
APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition						ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD BLI 018000 Cartridges and Cartridge Actuated Devices (CARTS/CADS)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<u>STORES RELEASE</u>														
Q8200	CCU-107 Imp Ctg (MT95)	A					80,000	5.15	412	72,206	6.50	469	180,000	5.48	986
Q8090	CCU-107 Imp Ctg (MT95) JAU-22/B Init. Ctg. (MF64)	A					104,152	15.21	1,584	154,744	14.65	2,267	105,000	17.01	1,786
	<u>SAFETY</u>														
Q8060	Thermal Battery (CWDR)	A					193	3,462.00	668	142	3,873.94	550	301	3,946.77	1,188
Q8080	BBU-57/A Cutter (SR95)	A							0	139	10,386.33	1,444	78	10,070.51	785
Q8120	JAU-52/B Init.Ctg (MJ91)	A					697	2,060.53	1,436	129	3,131.78	404			0
Q8300	Navy Aircrew Common Ejection Seat	A							1,215			1,818			2,269
Q8600	Miscellaneous Devices Under \$500K								13,421			13,209			10,042
Q8800	Integrated Logistics Support (ILS)								1,824			1,863			1,902
Q8830	Production Engineering Support (PES)								2,565			2,691			2,607
Q8840	Quality Assurance (QA)								422			437			455
Q8850	Product Improvement Program (PIP)								2,730			2,730			2,750
Q8860	Acceptance Testing								1,386			1,671			1,412
TOTAL			181,063			0			27,663			29,553			26,182

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2004		
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS B.A.1 - Navy Ammunition					C. P-1 ITEM NOMENCLATURE BLI 018000 Cartridges and Cartridge Actuated Devices(CARTS/CADS)				SUBHEAD J1Q8	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<u>STORES RELEASE</u>										
Q8200 CCU-107 Imp Ctg (MT95)										
FY 03	80,000	5.15	NAVICP	Mar-03	C/FP	St. Bonifacius, MN Hanley Industries, Inc Alton, IL	Jun-03	Apr-04	YES	
FY 04	72,206	6.50	NAVICP	Oct-03	C/FP	Technical Ordnance Inc. St. Bonifacius, MN	Dec-03	Oct-04	YES	
FY 05	180,000	5.48	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
Q8090 JAU-22/B Init. Ctg (MF64)										
FY 03	104,152	15.21	NAVICP	Oct-02	C/FP	Lancaster, PA AMTEC Corp. Janesville, WI	Dec-02	Sep-03	YES	
FY 04	154,744	14.65	NAVICP	Oct-03	C/FP	AMTEC Corp. Janesville, WI	Dec-03	Oct-04	YES	
FY 05	105,000	17.01	NAVICP	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
D. REMARKS										
*FY02 Emergency Buy to support war efforts										

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Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<u>SAFETY</u>										
Q8060 Thermal Battery (CWDR)										
FY 03	193	3,462.00	NAVAIR	Oct-02	SS/FP	Martin-Baker Aircraft Company	Jan-03	Nov-04	YES	
FY 04	142	3,873.94	NAVAIR	Oct-03	SS/FP	Martin-Baker Aircraft Company	Apr-04	Apr-05	YES	
FY 05	301	3,946.77	NAVAIR	TBD	C/FP	UNKNOWN	Apr-05	Apr-06	YES	
Q8080 BBU-57/A Cutter (SR95)										
FY 03	0	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FY 04	139	10,386.33	NAVICP	Oct-03	SS/FP	Northrop-Grumman Corp.	Apr-04	Apr-05	YES	
FY 05	78	10,070.51	N/A	TBD	SS/FP	Northrop-Grumman Corp.	Apr-05	Apr-06	YES	
Q8120 JAU-52/B Init. Ctg (MJ91)										
FY 03	697	2,060.53	NAVICP	Oct-02	SS/FP	General Dynamics OTS,	Mar-03	Feb-04	YES	
FY 04	129	3,131.78	NAVICP	Oct-03	SS/FP	General Dynamics OTS,	Apr-04	Apr-05	YES	
FY 05	0	0.00	N/A	N/A	SS/FP	N/A	Apr-05	Apr-06	YES	
D. REMARKS										